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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket: IZUMOTO=1

In re Application of:)	Conf. No.: Not Yet Known
Yoshitaka IZUMOTO et al)	Art Unit: Not Yet Known
U.S. Appln. No.: 10/553,694)	Examiner: Not Yet Known
Filed: October 18, 2005)	
I.A. No.: PCT/JP2004/005501)	
I.A. Filed: April 16, 2004)	Washington, D.C.
For: IMMUNOGEN, COMPOSITION FOR))	September 11, 2006
IMMUNOLOGICAL USE AND)	
METHOD FOR PRODUCING ANTI-)	
BODY USING THE SAME)	

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window
Randolph Building, Mail Stop Amendment
401 Dulany Street
Alexandria, VA 22314

Sir:

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

[X] 1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

[X] 2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form BN/SB/08A/B) of all patents, publications, or other information submitted for consideration by the office,

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either incorporated into this IDS or as an attachment hereto. Other than U.S. patent(s) and/or published U.S. application(s), which 37 CFR §1.98(a)(2)(ii) does not require to be filed unless specifically required by the Office, a copy of each document listed is attached.

[X] 3. Documents AA and AB are not in the English language. In accordance with 37 CFR §1.98(a)(3), Applicant states:

[X] An English translation of each document AA and AB (or of the pertinent portions thereof), or a copy of an English-language abstract (or claim) is enclosed.

[X] 4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

5. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

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Sheet	1	of	3
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Complete if Known

U.S. Application Number	10/553,694
I.A. Filing Date	April 16, 2004
First Named Inventor	Yoshitaka IZUMOTO et al
Group Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket Number	IZUMOTO=1

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

/Patricia Duff/

Date
Considered

04/13/2008

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NON PATENT LITERATURE DOCUMENTS / OTHER INFORMATION

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	AF	ARIÉ, Jean-Philippe et al, "Chaperone function of FkpA, a heat shock prolyl isomerase, in the periplasm of <i>Escherichia coli</i> ", <i>Molecular Microbiology</i> , 2001, Vol. 39, No. 1, pp. 199-210.	
	AG	BEHRENS, Susanne et al, "The SurA periplasmic PPIase lacking its parvulin domains functions <i>in vivo</i> and has chaperone activity", <i>The EMBO Journal</i> , 2001, vol. 20, No. 1 & 2, pp. 285-294.	
	AH	BOSE, Suchira et al, "Chaperone Function of Hsp90-Associated Proteins", <i>Science</i> , December 6, 1996, vol. 274, pp. 1715-1717.	
	AI	FURUTANI, Masahiro et al., "Group II Chaperonin in a Thermophilic Methanogen, <i>Methanococcus thermolithotrophicus</i> ", <i>The Journal of Biological Chemistry</i> , October 23, 1998, Vol. 273, No. 43, pp. 28399-28407.	
	AJ	GUPTA, Radhey S., "Evolution of the chaperonin families (Hsp60, Hsp10 and Tcp-1) of proteins and the origin of eukaryotic cells", <i>Molecular Microbiology</i> , 1995, Vol. 15(1), pp. 1-11.	
	AK	HUANG, Guo-Chang et al, "Assisted folding of D-glyceraldehyde-3-phosphate dehydrogenase by trigger factor", <i>Protein Science</i> , 2000, Vol. 9, pp. 1254-1261.	
	AL	IDENO, Akira et al., "FK506-binding protein of the hyperthermophilic archaeum, <i>Thermococcus</i> sp. KS-1, a cold-shock-inducible peptidyl-prolyl <i>cis-trans</i> isomerase with activities to trap and refold denatured proteins", <i>Biochem J.</i> , 2001, Vol. 357, pp. 465-471.	
	AM	IDENO, Akira et al., "The 28.3 kDa FK506 binding protein from a thermophilic archaeum, <i>Methanobacterium thermoautotrophicum</i> , protects the denaturation of proteins <i>in vitro</i> ", <i>Eur. J. Biochem.</i> , 2000, Vol. 267, pp. 3139-3148.	
	AN	KUBOTA, Hiroshi et al., "The chaperonin containing f-complex polypeptide 1 (TCP-1) Multisubunit machinery assisting in protein folding and assembly in the eukaryotic cytosol", <i>Eur. J. Biochem</i> , 1995, Vol. 230, pp. 3-16.	
	AO	MARUYAMA, Tadashi et al., "Archaeal Peptidyl Prolyl <i>Cis-Trans</i> Isomerases (PPIases)", <i>Frontiers in Bioscience</i> , September 1, 2000, Vol. 5, pp. d821-836.	
	AP	MAVRANGELOS, Chris et al., "Increased Yield and Activity of Soluble Single-Chain Antibody Fragments by Combining High-Level Expression and the Skp Periplasmic Chaperonin", <i>Protein Expression and Purification</i> , 2001, Vol. 23, pp. 289-295.	
	AQ	NISHIHARA, Kazuyo et al., "Chaperone Coexpression Plasmids: Differential and Synergistic Roles of DnaK-DnaJ-GroPE and GroEL-GroES in Assisting Folding of an Allergen of Japanese Cedar Pollen, Cyp2, in <i>Escherichia coli</i> ", <i>Applied and Environmental Microbiology</i> , May 1999, Vol. 64, No. 5, pp. 1694-1699.	
	AR	PIRKEL, Franziska, et al., "Functional Analysis of the Hsp90-associated Human Peptidyl Prolyl <i>Cis-Trans</i> Isomerases FKBP51, FKBP52 and Cyp40", <i>J. Mol. Biol.</i> , 2001, Vol. 308, pp. 795-806.	

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Date Considered	04/13/2008
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	AS	RAMM, Kathrin et al., "The Periplasmic Escherichia coli Peptidylprolyl <i>cis</i> , <i>trans</i> -Isomerase FkpA", <i>The Journal of Biological Chemistry</i> , June 2, 2000, Vol. 275, No. 22, pp. 17106-17113.	
	AT	RATAJCZAK, Thomas et al., "The Cyclophilin Component of the Unactivated Estrogen Receptor Contains a Tetrapeptide Repeat Domain and Shares Identity with p59 (FKBP59)", <i>The Journal of Biological Chemistry</i> , June 25, 1993, Vol. 268, No. 18, pp. 13187-13192.	
	AU	SÖDERLIND, Eskil et al., "Chaperonin Assisted Phage Display of Antibody Fragments on Filamentous Bacteriophages", <i>BioTechnology</i> , April 1993, Vol. 11, pp. 503-507.	
	AV	TRENT, Jonathan et al., "Chaperonin filaments: The archaeal cytoskeleton?", <i>Proc. Natl. Acad. Sci.</i> , May 1997, Vol. 94, pp. 5383-5388.	
	AW	VAZQUEZ, M. Duenas et al., "Intra- and Extracellular Expression of an scFv Antibody Fragment in <i>E. coli</i> : Effect of Bacterial Strains and Pathway Engineering Using GroES/L Chaperonins", <i>BioTechniques</i> , 1994, Vol. 16, No. 3, pp. 476-477, 480-483.	
	AX	ZARNT, Toralf et al., "Modular Structure of the Trigger Factor Required for High Activity in Protein Folding", <i>J. Mol. Biol.</i> , 1997, Vol. 271, pp. 827-837.	

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